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Contract No. HF-32-27

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SCHEDULEPART I - SCOPE OF WORK

a. The Contractor shall supply the necessary qualified personnel, facilities and material, and shall use its best efforts to perform a product improvement program on the 73-C Configuration. These services shall include but not necessarily be limited to the following:

- (1) Engineering studies, designs, fabrication and assembly of parts, components and assemblies and ground and flight tests on Serial Number 4, 73-C Configuration, as outlined in Exhibit "A" attached hereto and made a part of this contract.
- (2) Engineering liaison at such locations as may be required for the satisfactory completion of this contract.
- (3) Complete optical elements for third 73-C Configuration.

b. In the performance of paragraphs a.(1), (2) and (3) above, Contractor is authorized to use on a no-charge-for-use-basis the Government-owned tooling and test equipment generated under Contract Nos. SC-21-54 and BC-200 provided such use does not interfere with the purpose for which such tools and test equipment were intended.

c. In the performance of paragraphs a.(1), (2) and (3) above, the Government shall furnish as GFP the following:

- 1 ea. 73-C Configuration, Serial No. 4.
- 2 ea. 300" collimators with container.
- 2 ea. MARK I Hand Controls compatible with 73-C Configuration.
- 1 ea. Partially completed optical System for 73-C Configuration.

d. The Government shall furnish the necessary aircraft, personnel, and all fuel and oil necessary to conduct the flight tests at the Government-owned test site.

PART II - DELIVERY

22 Aug 58 Amended 31 Dec 58 Amended
Contractor shall complete all work called for under PART I above on or before ~~31 July 1958~~ and submit a final written report of the results of all tests conducted. Informal verbal reports shall be furnished to the Contracting Officer upon demand.

PART III - ESTIMATED COST AND FEE

a. The estimated cost for the performance of this contract, exclusive of fixed fee is

b. The fixed-fee for performance of this contract is

PART IV - PAYMENTS

a. In accordance with the provisions of Clause 4 of the General Provisions of this contract entitled "Allowable Costs, Fixed Fee and Payments," the Government shall pay the Contractor, as full compensation for the performance of this contract, the fixed-fee as specified in

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PART III above, and the Allowable Cost incurred by the Contractor in the performance of this contract and accepted by the Contracting Officer as chargeable in accordance with "Contract Cost Principles, Section XV, PART 2, Armed Services Procurement Regulations". It being understood and agreed, without limiting the generality of the foregoing, that the following shall be considered as allowable items of cost hereunder when incurred or paid by the Contractor and when necessary and required and used for the performance of work hereunder:

(1) Expenditures by the Contractor for transportation of personnel directly engaged in the performance of work hereunder, plus reasonable actual subsistence expenses.

(2) Premium portion of overtime wages. Such overtime will be kept to a minimum consistent with the overall objectives of the program.

(3) All costs which have been incurred by the Contractor on or after 23 May 1958, in anticipation of and prior to the signing of this contract, and which, if incurred after the signing of this contract, would have been considered as items of allowable cost hereunder, will be accepted by the Contracting Officer as costs under this contract.

(4) Research of an applied or developmental nature, provided it does not exceed 5% of the cost of goods manufactured by the Perkin-Elmer Engineering and Optical Division, and further provided that such research is not directed toward the development of purely commercial items or processes.

b. The fixed-fee shall be paid in monthly installments based on allowable costs incurred by the Contractor and approved by the Contracting Officer computed at the same ratio that the total fixed fee stated herein is to the total estimated cost stated herein, subject, however, to the withholding provisions of paragraph (c) of Clause 4 of the General Provisions hereof.

PART V - WAIVER OF REQUIREMENTS OF GENERAL PROVISIONS

Notwithstanding the requirements of any of the General Provisions of this contract to the contrary, whenever the Contractor, in performance of the work under this contract, shall find that the requirements of any of the clauses of the General Provisions are in conflict with security instructions issued to the Contractor by the Contracting Officer or by his duly authorized representative for security matters, the Contractor shall call the attention of the Contracting Officer to such conflict and the Contracting Officer or his duly authorized representative for security matters shall (1) modify or rescind such security requirements or (11) the Contracting Officer shall issue to the Contractor a waiver of compliance with the requirements of the General Provisions conflicting with such security requirements. Any waiver of compliance with the General Provisions of this contract issued by the Contracting Officer shall be in writing, except that the approval by the Contracting Officer of any subcontract issued hereunder by the Contractor shall be deemed to constitute approval of waiver of any clauses of the General Provisions in conflict with the stipulations of such subcontract.

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PART VI - SPECIAL SECURITY RESTRICTIONS

The Contractor shall not reveal (i) the specific nature or any details of the work being performed hereunder or (ii) any information whatsoever with respect to the department of the Government sponsoring this contract and the work thereunder except as the Contractor is directed or permitted to reveal such information by the Contracting Officer or by his duly authorized representative for security matters, and notwithstanding any clause or section of this contract to the contrary, the Contractor shall not interpret any clause or section of this contract as requiring or permitting divulgence of such information to any person, public or private, or to any officer or department of the Government without the express consent of the Contracting Officer or his duly authorized representative for security matters.

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EXHIBIT "A"

1. Modify and align two (2) each Government-furnished 300" collimators.
2. Remount primary mirror in a newly designed three-point mount.
3. Provide stiff-arm support for "G" mirror mount.
4. Remove structure isolaters.
5. Provide instrumentation and acquire thermal data during flight test.
6. Conduct laboratory tests and, if determined feasible, provide foam plastic on light covers.
7. Conduct studies and, if feasible, provide mechanical dampers on "H", "I", and primary mirrors.
8. Remount shutter and gyro-sensor assemblies.
9. Provide means for cutting out cager drive motor, at least during photographic operation.
10. Assemble, test and, if feasible, utilize three-axis-position servo.
11. Stiffen stabilization solenoid mounts.
12. Determine feasibility of isolating configuration from mechanically transmitted aircraft vibrations. If determined feasible, provide crude means of equipment.
13. Arrange and conduct flight test programs for modified system.
14. *See Amend #1 - Improvements to "C" System No. 4*
15. *See Amend #2*
16. *See Amend 3*

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